EXHIBIT 15

Certificate of Registration

This Certificate issued under the seal of the Copyright
Office in accordance with title 17, *United States Code*,
attests that registration has been made for the work
identified below. The information on this certificate has
been made a part of the Copyright Office records.

Maria A. Pallante

Register of Copyrights, United States of America

Registration Number

TX 7-938-341

**Effective date of
registration:**

November 26, 2014

Title

Title of Work:	Cisco IOS 15.4
Previous or Alternative Title:	Cisco IOS Release 15.4
	Cisco IOS Version 15.4
	Cisco Internetwork Operating System 15.4
	Cisco Internetwork Operating System Release 15.4
	Cisco Internetwork Operating System Version 15.4
	Cisco IOS Software Release 15.4
	Cisco Internetwork Operating System Software Release 15.4

Completion/Publication

Year of Completion: 2013

Date of 1st Publication: November 24, 2013   **Nation of 1st Publication:** United States

Author

Author:	Cisco Systems, Inc.
Author Created:	text, computer program
Work made for hire:	Yes
Citizen of:	United States **Domiciled in:** United States
Author:	Aricent Technologies Mauritius Limited
Author Created:	computer program
Work made for hire:	Yes
Citizen of:	Mauritius **Domiciled in:** Mauritius
Author:	China International Intellectech Corporation
Author Created:	computer program
Work made for hire:	Yes
Citizen of:	China **Domiciled in:** China

- **Author:** embedUR Systems (I) Private Ltd.
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: India   **Domiciled in:** India
- **Author:** Ensoft Limited
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: United Kingdom   **Domiciled in:** United Kingdom
- **Author:** Gemtek Technology Co., Ltd.
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: Chinese Taipei (Taiwan)   **Domiciled in:** Chinese Taipei (Taiwan)
- **Author:** HCL Technologies Limited
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: India   **Domiciled in:** India
- **Author:** Infosys Technologies Ltd.
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: India   **Domiciled in:** India
- **Author:** Paxterra Solutions Inc.
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: United States   **Domiciled in:** United States
- **Author:** Randstad
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: United States   **Domiciled in:** United States
- **Author:** Scarlet Wireless India Private Limited
  Author Created: computer program

  Work made for hire: Yes
  Citizen of: India   **Domiciled in:** India

■   **Author:** Tata Consultancy Services Ltd.

Author Created: computer program

Work made for hire: Yes

Citizen of: India   **Domiciled in:** India

■   **Author:** Wipro Limited

Author Created: computer program

Work made for hire: Yes

Citizen of: India   **Domiciled in:** India

Copyright claimant

Copyright Claimant: Cisco Technology, Inc.

170 W. Tasman Drive, San Jose, CA, 95134, United States

Transfer Statement: By written agreement

Limitation of copyright claim

Material excluded from this claim: Prior works by claimant and preexisting third party computer code

Previous registration and year: Pending   2014

New material included in claim: New and revised computer code and accompanying documentation
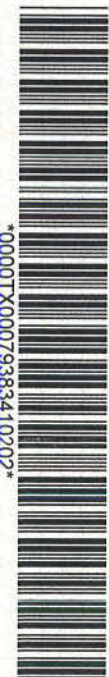
Certification

Name: Joshua L. Simmons, Esq.

Date: November 12, 2014

Applicant's Tracking Number: 41593-0036

Registration #: TX0007938341

Service Request #: 1-1842848742

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